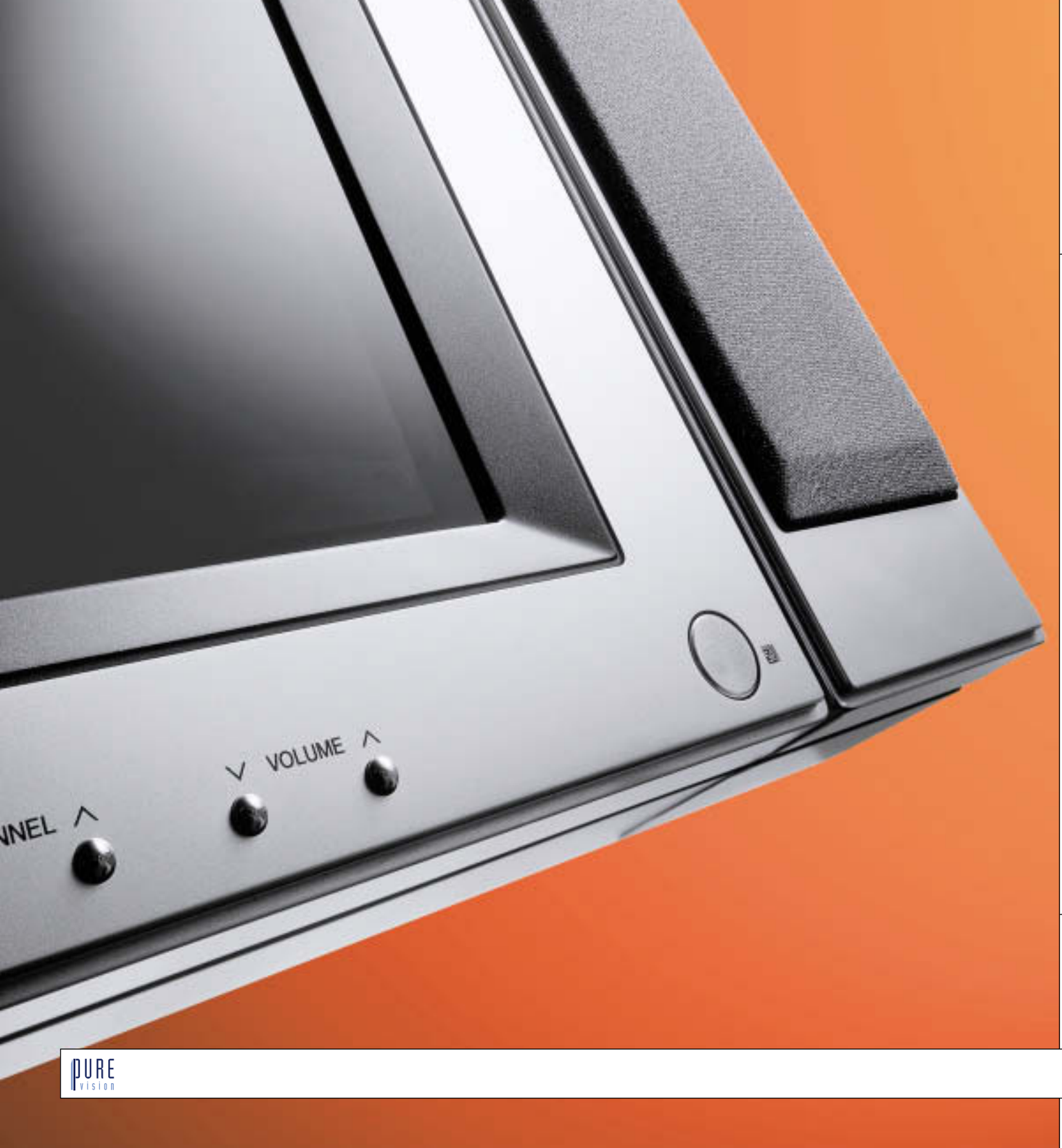
Pioneer sound.vision.soul



EXPERIENCE THE MAGNIFICENCE

Pioneer brought you the total multi-media plasma TV with 50-inch/127 cm screen. Now we're making waves again with the sleek 43-inch/109 cm. You'll be amazed by its minimal profile – so slim it's barely there – and ultra-light weight. And how it fits beautifully wherever you place it! But however sophisticated a PURE VISION Pioneer Plasma TV looks, the real test is performance. That's where Pioneer's premium technology achieves phenomenal image and sound purity. Including an exclusive to plasma TV – true XGA resolution and 100 Hz Progressive scan for breakthrough clarity and high-resolution readiness. And a slick media receiver that grants your every media wish. From spectacular TV to sublime Home Cinema to a multitude of media today and tomorrow, the effects of PURE VISION Pioneer Plasma TV are monumental. Especially for you.

PURE vision

43-inch/109 cm Plasma TV 4

50-inch/127 cm Plasma TV 7

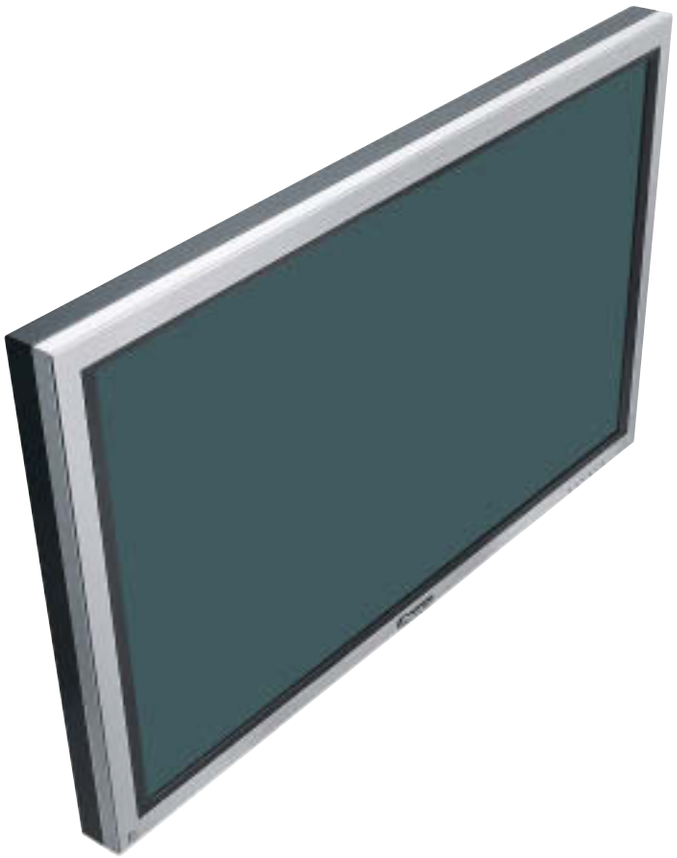
PURE VISION 10

Multi-media receiver 14

Specifications, features, speakers and accessories 20

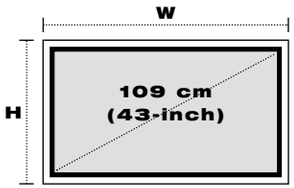
109 cm

43-inch



SO SLIM YET
SO FULFILLING

PURE VISION Pioneer Plasma TV is seriously thin. Not to mention ultra-light. Which means it's impressively at home from any vantage point. On top of your favourite table or free-standing on the floor. Perhaps hang it on the wall, like a work of art (flat or angled up to 25-degrees with optional wall brackets). With side-mounted speakers or horizontal mounted speaker. However you arrange it, PURE VISION Pioneer Plasma TV completes your room.



W: 107.0 cm
H: 63.0 cm
D: 9.8 cm

43-inch/109 cm Plasma TV mounted on a floorstand, with multi-media receiver and horizontal mounted speaker.

109 cm

43-inch/109 cm Plasma TV mounted on a wall, with multi-media receiver and side-mounted speakers.

109 cm

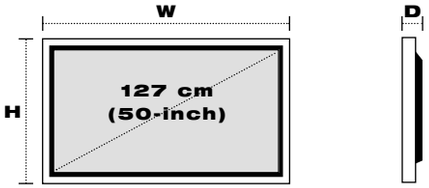
127cm

50-inch

SO BIG IT'S TRUELY CINEMATIC

PURE VISION Pioneer Plasma TV is big. Heroically so. It's Home Cinema as you have never seen it before. Images burst into life, commanding absolute attention. Pure, vibrant sound surrounds you totally*. And the 160-degree viewing angle assures perfect visibility, even from the sides. Hang it on the wall front and centre, flat or angled. Or table mount it, with speakers attached. You save floor space. And gain true theatre atmosphere.

* With a separate A/V amplifier.



W: 121.8 cm
H: 71.4 cm
D: 9.8 cm

127 cm

50-inch/127 cm Plasma TV mounted on a wall, with multi-media receiver and side-mounted speakers.

50-inch/127 cm Plasma TV mounted on a table-top stand, with multi-media receiver and side-mounted speakers.

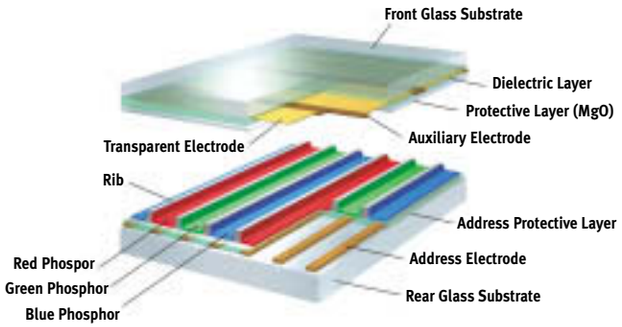
127cm

THE NAME SAYS IT ALL

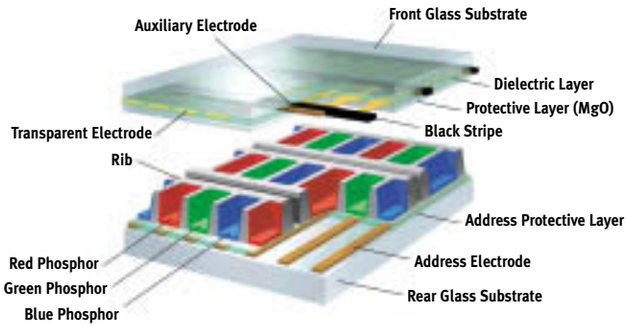
PURE vision

One look makes it absolutely clear: these flat screens rival reality. To achieve the near-impossible, Pioneer packed PURE VISION Pioneer Plasma TV with the most innovative technology ever. Pioneer Plasma TVs boast almost 60% higher brightness, thanks to **True Matrix Imaging with Deep Waffle Rib Structure**. Be dazzled how the **Pure Colour Filter** brings up colours so bold and natural – even in daylight – it's like looking through a window. And with **CLEAR Drive**, you're assured clean-cut contours and sharp-as-a-pin details, even in shadow. Wait – there's more. Your eyes will appreciate **flicker-free viewing**, the pay-off of **100 Hz Progressive Scan**. You enjoy consummate clarity from peerless **TRUE XGA resolution**. And because only Pioneer doubles the density of high-definition signals, you get smoother reception on digital TV, cable and satellite. PURE VISION Pioneer Plasma TV. The purity shines through.

Cell Structure Comparison

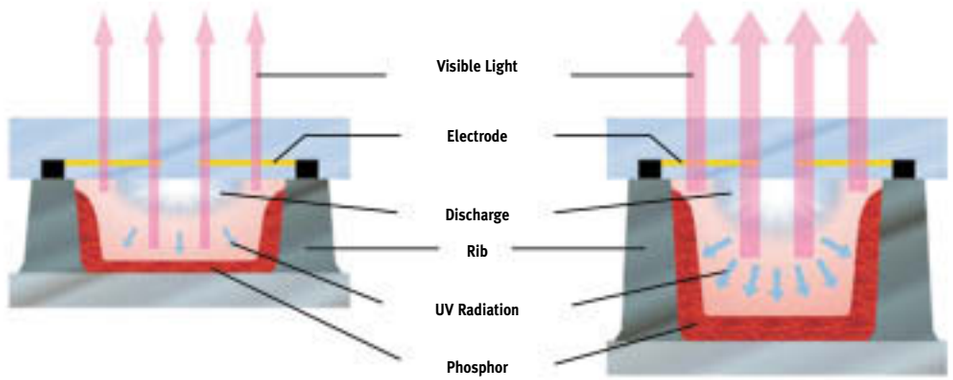


Conventional Straight-type Cell Structure



Pioneer Waffle Rib Structure

Pioneer Waffle Rib Structure Comparison



Previous Waffle Rib Structure

New Deep Waffle Rib Structure

BRILLIANT TECHNOLOGY. SUPER-BRIGHT IMAGES.

True Matrix Imaging with Deep Waffle Rib Structure

Even the sun shines brighter on PURE VISION Pioneer Plasma TV, thanks to True Matrix Imaging. Pioneer's exclusive technology works like this. A new deep waffle-shaped rib structure increases the area of light-emitting phosphors – increasing the brightness by almost 60% for way more brilliance. Each plasma cell is deeper, encapsulated with horizontal ribs so emitted light won't leak into neighbouring cells. With this new deep cell structure, you enjoy higher brightness and stronger contrast. And when one million tiny coloured fluorescent lamps fire at once, you get the full impact. Images illuminated to the max. And details exquisitely highlighted. Just the way you like it.

Conventional Plasma

Pioneer Plasma TV with Pure Colour Filter

Pioneer's Advanced CLEAR Drive Technology

Original picture

Conventional Plasma

With advanced CLEAR Drive Technology

COLOURS YOU CAN TASTE

Pure Colour Filter

Never a dull red, never a faded orange. With Pioneer's Pure Colour Filter, colours come out so bold and pure you could almost taste them. And at double the contrast, so solid you could touch them (well, almost). How? Pioneer's unique filter reduces unnecessary frequency components of red, green and blue signals. And further absorbs extra light with black stripes between plasma cells. Reflection is so minimised, true colour so maximised, images glitter with vitality. Like looking through a window. Even in broad daylight.

STEP OUT OF THE SHADOWS

CLEAR* Drive

You'll be amazed how Pioneer dramatically improves your night vision. Check out that film noir. Can you pick out the suspicious character in the shadows? Make out the logo on his jacket? Is his outline clear and distinct, not fuzzy or jagged as with other plasmas? With Pioneer's advanced CLEAR* drive, you get a resounding YES all the way. By eliminating too-high reset discharges, it eradicates false contour noise of poor gradation areas. Intensifies contrast. Improves grey gradations. And makes blackness blacker yet easier to see in. So you won't be surprised by what pops out of the gloom. Unless, of course, that's in the script.

* CLEAR: High-contrast & Low Energy Address & Reduction of false contour sequence.

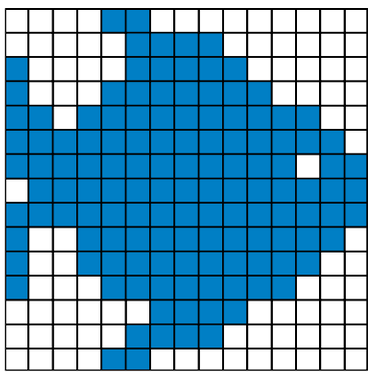
Original Signal

100 Hz Progressive Scan

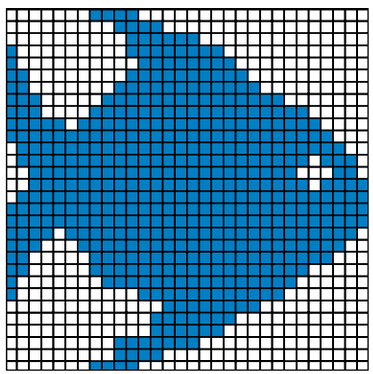
FASTER THAN THE EYE CAN SEE

100 Hz progressive scan

With PURE VISION Pioneer Plasma TV, it's not only images that look clearer and brighter. Your eyes will, too. Regular TV displays 50 interlaced pictures a second, producing tiny flickers that tire the eyes. This effect is even more evident on a large-screen, high resolution display. So Pioneer's 100 Hz progressive scan drive processes pictures at a blazing 100 times a second. You lose every trace of flicker. And gain striking realism with higher resolution. And – a world-first – Pioneer doubles the density of high-definition signals. You pull in smoother reception on digital TV. Cable and satellite, too. Whatever your pleasure, however long you watch, it's easy on your eyes.



VGA panel



True XGA panel

PERFECT FOR YOUR PC

Real and True XGA

No other plasma TV has so much in common with your computer (PC and Mac). To be precise, 2.5 times more cells on its XGA panel than the conventional VGA one. That means PURE VISION Pioneer Plasma TV displays all computer signals from VGA to real XGA (1024 x 768) all the way to True XGA (1280 x 768). Accurately. Effortlessly. And with superior sharpness and definition, just like on your monitor. So the gamesmaster moves smoothly – no jerks or wobbles. The Dow shows up crystal clear. And you're free to surf the web in the biggest possible way.

MULTIMEDIA RECEIVER: EVERYTHING YOU EXPECT, AND THEN SOME!

Pioneer Plasma & TV/Digital Broadcasting [15]

Pioneer Plasma & Home Cinema [16]

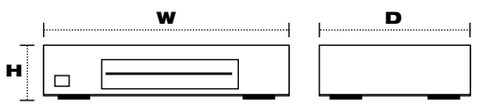
Pioneer Plasma & Internet [17]

Pioneer Plasma & Games [18]

Pioneer Plasma & Video/Photo Cameras [19]

You'll never be bored with Pioneer's multi-media receiver. This svelte super-talent makes amply sure of that. Both the 43-inch/109 cm and the 50-inch/127 cm come with it. Set-up couldn't be simpler: just one cable and auto-installation with On-Screen Display Prompting. Then you're up and running with all the latest multi-media. Your media manager: spectacular TV, dazzling DVD and home cinema, in sumptuous colour and fabulous surround sound enriched by FOCUS/SRS*. You can get into games with gusto. Connect your PC or Mac and explore every internet site on the big screen. Play camcorder footage, even as you shoot it. And blow up digital stills larger than life. The list goes on well into the future. So do the oohs and aahs.

* **FOCUS** and **SRS** are trademarks of SRS Labs, Inc.

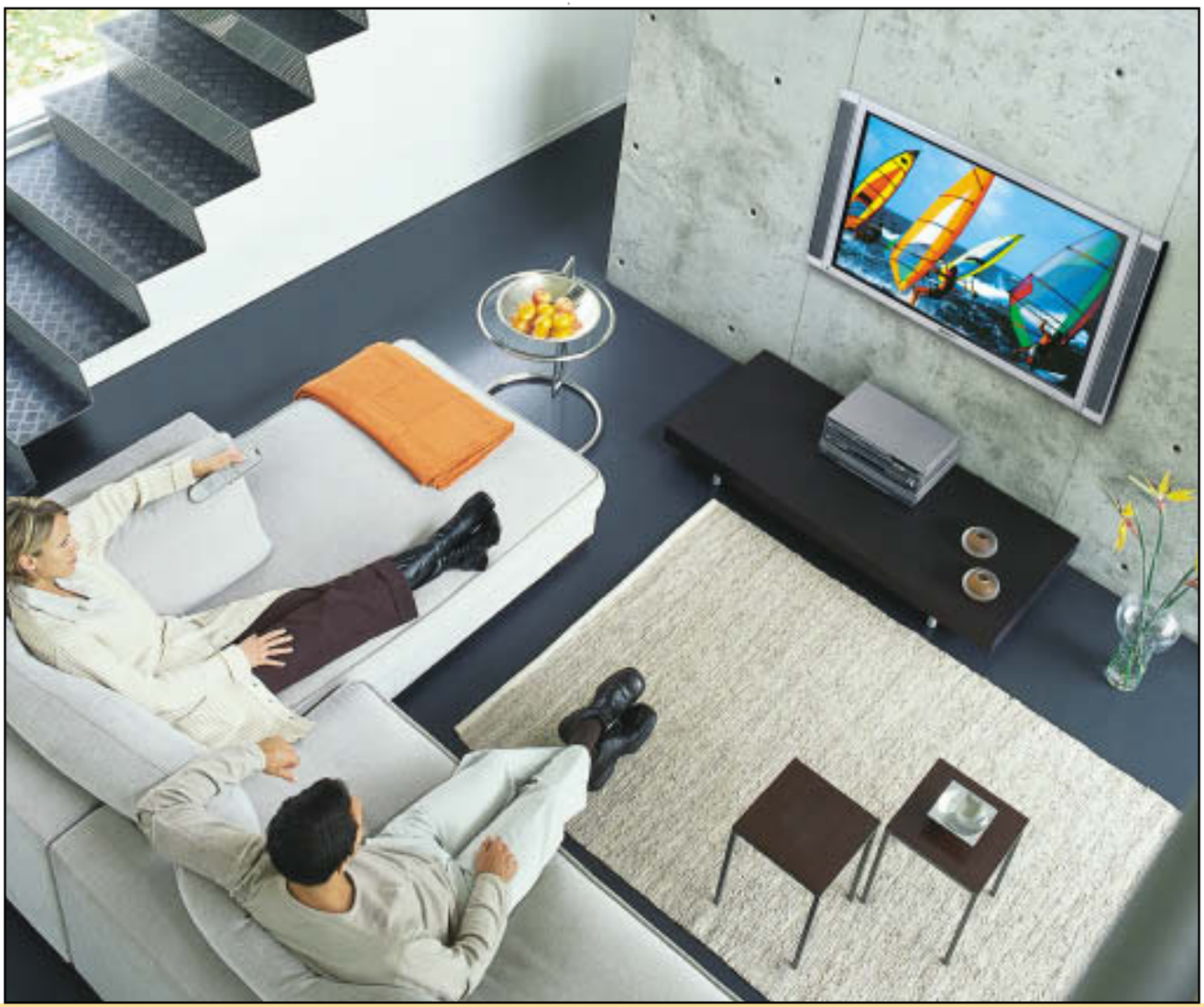


W: 42.0 cm
H: 7.0 cm
D: 33.2 cm

50-inch/127 cm Plasma TV mounted on a wall, with multi-media receiver and side-mounted speakers.

PIONEER PLASMA & TV/DIGITAL BROADCASTING

You'll notice the difference immediately. Turn on the multi-media receiver – it's also an analogue TV tuner – and be amazed how every outline, every detail, even larger-than-life close-ups, come up razor-sharp on the big screen. That's because PURE VISION Pioneer Plasma TV is the first 50-inch/127 cm plasma TV with Wide XGA resolution and the first 43-inch/109 cm plasma TV with True XGA resolution. You'll be thrilled as your favourite television programmes burst into life. With bright impactful images. Sumptuous colour. And dynamic sound. And thanks to flicker-free 100 Hz technology, this TV is super easy to watch. The multi-media receiver remembers 99 preset TV channels. And is ready for regular cable TV hook-up. And lets you double your fun with the Dual Screen feature. View two separate sources at once. Or stay glued to the game and scoop the latest scores on Teletext (or scan the other 251 pages you've stored in its memory). Do you see digital broadcasting in your future? Connect the multi-media receiver to Pioneer's set-top box, and you're set to enjoy digital terrestrial or satellite broadcasts.



43-inch/109 cm Plasma TV mounted on a wall, with multi-media receiver and side-mounted speakers.

PIONEER PLASMA & HOME CINEMA

Transform cinema time into quality family time. Take in the latest flick in all its wide screen theatrical splendour – minus the chattering crowds and time-eating travel. Simply integrate the PURE VISION Pioneer Plasma TV in your DVD home cinema set-up. Park yourselves in the best seats in the house. And be spellbound by wave after wave of eye-pleasing action and earth moving surround sound.

43-inch/109 cm Plasma TV mounted on on a floorstand, with multi-media receiver and horizontal mounted speaker.

PIONEER PLASMA & INTERNET

Surf away before you plan your trip and show the family what's on offer. Simply connect your PC/Mac to the media receiver and you're off. First with computer-compatible XGA resolution, the PURE VISION Pioneer Plasma TV brings up pixel-perfect images. You're virtually there, anywhere in the world. And everywhere on the web, including up-and-coming video programmes. And high-speed net surfing with CATV, ADSL* and optical fibre cable. For a first-class adventure online, it's the only way to go.

* ADSL: Asymmetric Digital Subscriber Line.

50-inch/127 cm Plasma TV mounted on a table-top stand, with side-mounted speakers.

PIONEER PLASMA & GAMES

Now kids of all ages can get into the game for real. Hook up the winning formula – PURE VISION Pioneer Plasma TV and your games console. Then hold on tight. With True XGA resolution on the super-bright big screen, you won't miss a trick. Track the speediest moves smoothly. And catch the full ambience of spine-tingling effects in multi-channel sound. All that's missing is the wind in your hair.

50-inch/127 cm Plasma TV mounted on a wall, with side-mounted speakers.

PIONEER PLASMA & VIDEO/PHOTO CAMERAS

Get into big-time digital fun. Show off what she's shooting right now on the big screen. Re-live favourite footage from your latest outing. And blow up those cherished stills to super-size glory. You'll dazzle family and friends alike with magnificent shots in exuberant colour, including whiter whites and blacker blacks.

SPECIFICATIONS

Plasma TV	PDP-433HDE	PDP-503HDE
PICTURE		
Screen Size	43-inch	50-inch
Aspect Ratio	16:9	16:9
Number of Pixels	1,024 (Hor) x 768 (Ver)	1,280 (Hor) x 768 (Ver)
Brightness	1000 cd/m2	900 cd/m2
Contrast Ratio	1000:1	900:1
Viewing Angle	more than 160° (Hor/Ver)	more than 160° (Hor/Ver)
3 Line Digital Comb Filter	PAL/NTSC-M (Main & Sub)	PAL/NTSC-M (Main & Sub)
Video Signals	PAL/SECAM/NTSC3.58/NTSC4.43/PAL60	PAL/SECAM/NTSC3.58/NTSC4.43/PAL60
PC Signals	VGA/SVGA/XGA/True XGA	VGA/SVGA/XGA/Wide XGA
Dual Screen*	•	•
Still Picture (Sub Screen)	•	•
Digital Enhancer Hor / Ver	• / •	• / •
100 Hz Progressive Scan	•	•
CTI (Colour Transient Improvement)	•	•
Dynamic Gamma Correction	•	•
Black Level Expansion	• (3 steps)	• (3 steps)
Colour Temperature Adjustment	• (5 steps)	• (5 steps)
PureCinema*	• (on / off)	• (on / off)
Black & White Mode	• (on / off)	• (on / off)
AV Selection (Programmed Picture)	• (STD/Dynamic/Movie/Game/User)	• (STD/Dynamic/Movie/Game/User)
TUNER		
Reception System	PAL BG/I/DK, SECAM BG/DK/L/L'	PAL BG/I/DK, SECAM BG/DK/L/L'
Stereo / Dual Sound	NICAM UK/SK/FR, CCIR A2 BG/DK	NICAM UK/SK/FR, CCIR A2 BG/DK
Auto Channel Preset	•	•
Auto Channel Labeling	•	•
Auto Channel Sort	•	•
Number of Preset Channels	99	99
Teletext	CEEFAX/FLOF/TOP (with TOP Over View Page)	CEEFAX/FLOF/TOP (with TOP Over View Page)
Number of Languages	25	25
Page Memory	252 pages	252 pages
Picture and Text (Dual Screen)	•	•
CONTROL		
OSD	High Quality Font	High Quality Font
Number of Languages	12 (GB/D/F/NL/I/E/P/S/FIN/GR/TR/RUS)	12 (GB/D/F/NL/I/E/P/S/FIN/GR/TR/RUS)
Remote Controller	SR	SR
Energy Save mode (for AV and PC)	• (on/off)	• (on/off)
Auto Power Off (for AV)	• (on/off)	• (on/off)
Power Management (for PC)	• (mode 1 & 2/off)	• (mode 1 & 2/off)
i/oLink.A	•	•
AUDIO		
Audio Output Power	12 W + 12 W (Music Power, 8 ohms)	12 W + 12 W (Music Power, 8 ohms)
Tone Control	Bass, Treble, Balance	Bass, Treble, Balance
Surround Sound	FOCUS**, SRS**	FOCUS**, SRS**
CONNECTION TERMINALS		
Input 1 (SCART)	AV In, RGB In, TV Out	AV In, RGB In, TV Out
Input 2 (SCART)	AV In/Out, S Input, i/o Link.A	AV In/Out, S Input, i/o Link.A
Input 3 (SCART/ Component)	AV In/Out, RGB In, S in, Y/Pb/Pr In (RCA pin)	AV In/Out, RGB In, S in, Y/Pb/Pr In (RCA pin)
Monitor Out (RCA pin)	AV Out, S Out	AV Out, S Out
Input 4 (Front)	AV Input, S Input	AV Input, S Input
PC (Front)	D-sub15 In, Stereo Mini jack (Audio)	D-sub15 In, Stereo Mini jack (Audio)
SR Control In/Out	Mini Jack x 2	Mini Jack x 2
Others	Antenna terminal (DIN) System Connection x 2 (for connecting PDP screen and media receiver) Speaker Out L/R (Display Rear, 8 – 16 ohms)	Antenna terminal (DIN) System Connection x 2 (for connecting PDP screen and media receiver) Speaker Out L/R (Display Rear, 8 – 16 ohms)
GENERAL		
Dimensions Display (W x H x D)	1,070 x 630 x 98 mm	1,218 x 714 x 98 mm
Media Receiver (W x H x D)	420 x 70 x 332 mm	420 x 70 x 332 mm
Weight (Display)	31.5 kg	38.9 kg
(Media Receiver)	4.4 kg	4.4 kg
Power Consumption (Total)	360 W (Stand-by 1.4W)	396 W (Stand-by 1.4W)
Power Requirements	AC 220-240 V, 50/60 Hz	AC 220-240 V, 50/60 Hz

* This function is not available under the following conditions: 1) PC INPUT mode 2) two pictures from the same source (e.g. INPUT 1 and INPUT 2) 3) images from high frequency signal source 4) two pictures with different vertical frequencies (e.g. PAL and PAL-60)

FEATURES

Media receiver

- Analogue TV tuner
- Teletext
- Nicam stereo
- Dual Screen display* (the screen can be split to enjoy two inputs at the same time)
- AV selection (Programmed picture quality mode selection)
- Five pre-set screen modes (4:3, Full, Zoom, Cinema 14:9, Wide)
- Colour temperature adjustment
- PureCinema (NTSC only)
- FOCUS** and SRS** create a completely immersive sound image
- Built-in amplifier for optional speakers
- Child Lock

Plasma display

- PDP-503HDE: large 50-inch/127 cm screen
- PDP-433HDE: large 43-inch/109 cm screen
- Wide screen 16:9 aspect ratio
- 160-degree viewing angle – no one misses the action
- 100 Hz flicker-free, progressive scanning
- Ultra-slim – ideal to hang on the wall – less than 10 cm deep
- Outstanding brightness, improved contrast and stunning picture quality
- Noise-free: there is no fan, so nothing disturbs the silence of film scenes

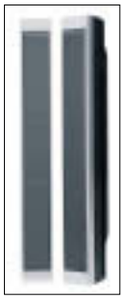
Conveniences

- Easy to set up: 1 cable connection between display and media receiver
- Auto installation (Auto channel pre-set, etc.)
- Smart OSD (On-Screen Display)
- PC Input up to True XGA
- Energy save mode and Auto power off
- i/oLink.A system for easy and advanced operation of external video recording equipment

** FOCUS™ and SRS (●)® are trademarks of SRS Labs, Inc.

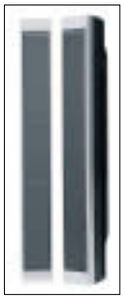
Multi-media receiver back panel

SPEAKERS



Side-mounted speakers: PDP-S06-LR
(for PDP-503HDE only)

Horizontal mounted speaker: PDP-S08
(for PDP-433HDE only)



Side-mounted speakers: PDP-S09-LR
(for PDP-433HDE only)

INSTALLATION ACCESSORIES

Angled wall bracket: PDK-5011

Wall bracket: PDK-5013

Table-top stand: PDK-TS01

Floor stand: PDK-FS01

SIDE-MOUNTED SPEAKERS	PDP-S06-LR	PDP-S09-LR
Cabinet	Enclosed type	Enclosed type
Speakers		
Woofer	Oval cone type	Oval cone type
Tweeter	2.5 cm dome type	2.5 cm dome type
Impedance	8 ohm	8 ohm
Frequency Range	50 - 20,000 Hz	60 - 20,000 Hz
Sensitivity (1 m/W)	82 dB/W	82 dB/W (at 1m distance)
Music Power (DIN)	12 W	12 W
Crossover Frequency	3 kHz	3 kHz
Dimensions (W x H x D)	74 x 714 x 101 mm	74 x 630 x 101 mm
Weight	1.7 kg (per unit)	1.6 kg (per unit)

HORIZONTAL MOUNTED SPEAKER	PDP-S08
Cabinet	Enclosed type
Speakers	
Woofer	Oval cone type
Tweeter	2.5 cm dome type
Impedance	8 ohm
Frequency Range	60 - 20,000 Hz
Sensitivity (1 m/W)	82 dB/W (at 1m distance)
Music Power (DIN)	12 W
Crossover Frequency	3 kHz
Dimensions (W x H x D)	1070 x 74 x 102 mm
Weight	2.7 kg (per unit)

Pioneer sound.vision.soul

PURE vision

http://www.pioneer-eur.com

http://www.pioneerplasma.co.uk

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